Listing of the Claims:

The following is a complete listing of all the claims in the application, with an indication of the status of each:

1. (Original) A method for identifying patients at risk for atherosclerosis, comprising the steps:

obtaining a measurement on the blood sample of a patient selected from the group consisting of platelet contractile force and clot elastic modulus; and

comparing said measurement to a control to identify a patient as being at risk for atherosclerosis, wherein said patient is identified to be at risk when said measurement is elevated relative to said control.

2. (Original) The method of claim 1 wherein said measurement is for platelet contractile force and said control is a value ranging from approximately 5.4 to 8.4 kilodynes.

3. (Original) The method of claim 1 wherein said measurement is for clot elastic modulus and said control is a value ranging from approximately 18 to 26 kilodynes per cm^2.

4. (Original) The method of claim 1 wherein said step of obtaining is performed by measuring clot contraction forces exerted during clot formation.

5. (Original) A method for identifying patients having a bleeding risk, comprising the steps:

obtaining a measurement on the blood sample of a patient selected from the group consisting of platelet contractile force and clot elastic modulus; and

comparing said measurement to a control to identify a patient as being at risk for a bleeding risk, wherein said patient is identified to be at risk when said measurement is reduced relative to said control.

6. (Original) The method of claim 5 wherein said measurement is for platelet contractile force and said control is a value ranging from approximately 5.4 to 8.4.

7. (Original) The method of claim 5 wherein said measurement is for clot elastic modulus and said control is a value ranging from approximately 18 to 26 kilodynes per cm^2.

8. (Original) The method of claim 5 wherein said step of obtaining is performed by measuring clot contraction forces exerted during clot formation.

9. (Original) A method of monitoring treatment or therapy of a patient suffering from unstable angina or myocardial infarction, comprising the steps of:

obtaining a baseline measurement on a blood sample taken from said patient selected from the group consisting of platelet contractile force and clot elastic modulus;

providing said patient with treatment or therapy;

obtaining a measurement on said blood sample after said step of providing, said measurement being selected from the group consisting of platelet contractile force and clot elastic modulus; and

comparing said measurement and said baseline measurement, wherein progress of said treatment or therapy is indicated by a decline in said measurement relative to said baseline measurement.

10. (Original) The method of claim 9 wherein said measurement and said baseline

11. (Original) The method of claim 9 wherein said measurement and said baseline measurement both provide clot elastic modulus values.